

App. No. 09/980419
Office Action Dated November 3, 2004
Amd. Dated February 25, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1, 4, 5, 11, 14 and 21 are canceled without prejudice or disclaimer.

Claims 3, 6-8, 12, 15, 16, 22, 26, 31 and 32 are amended.

Claims 33 and 34 are new.

Listing of Claims:

1-2. (Canceled)

3. (Currently Amended) Method according to claim [[1]] 33, wherein the acrylate-containing dispersion or mixture contains water, in which wherein acrylate particles are dispersed.

4-5. (Canceled)

6. (Currently Amended) Method according to claim [[1]] 33, wherein the paper is de-acrated before the acrylate-containing dispersion or mixture comprising the at least one color pigment is pressed into [[it]] the paper.

7. (Currently Amended) Method according to claim [[1]] 33, wherein the impregnated paper has a weight of 40 g/m².

8. (Currently Amended) Method of manufacturing a tile comprising pressing a laminate system, wherein the laminate system comprises impregnated paper manufactured in accordance with claim [[1]] 33 and a carrier, with the application of heat.

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9. (Previously Presented) Method of manufacturing a tile according to claim 8, wherein the laminate system includes a decorated or patterned paper onto which a mixture of amino resin and abrasion-resistant particles is applied before said pressing step.

10. (Previously Presented) Method of manufacturing a tile according to claim 9, wherein fibers, spheres, or a combination thereof are applied to the abrasion-resistant particles before said pressing step.

11. (Cancelled)

12. (Currently Amended) Paper produced in accordance with claim [[1]] 33.

13-14. (Cancelled)

15. (Currently Amended) Paper according to claim [[1]] 34, wherein said paper displays no delamination on the conclusion of the performance of a standardized steam test.

16. (Currently Amended) Tile comprising paper according to claim [[1]] 34.

17. (Previously Presented) Tile according to claim 16, wherein a surface of said tile is provided with abrasion-resistant particles.

18. (Previously Presented) Tile according to claim 16, wherein said tile is a flooring panel.

19. (Previously Presented) Method according to claim 3, wherein the acrylate particles comprise a resin.

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20. (Previously Presented) Method according to claim 19, wherein the resin is an amino resin.

21. (Cancelled)

22. (Currently Amended) Method according to claim ([5]) 33, wherein the dispersion or mixture is distributed on the roller with a doctor blade.

23. (Previously Presented) Method according to claim 6, wherein the paper is steeped on one side in the acrylate-containing dispersion or mixture.

24. (Previously Presented) Method according to claim 9, wherein the mixture of amino resin and abrasion-resistant particles is applied by spraying.

25. (Previously Presented) Method according to claim 10, wherein the fibers, spheres, or combination thereof are made of polyester, polyamide or glass.

26. (Currently Amended) Paper according to claim ([11]) 24 having a weight of 40 g/m².

27. (Previously Presented) Paper according to claim 15, wherein said standardized steam test comprises exposing the paper to steam for two hours.

28. (Previously Presented) Tile according to claim 17, wherein said abrasion-resistant particles are chosen from the group consisting of: corundum, silicon carbide particles, or combinations thereof.

29. (Previously Presented) Tile according to claim 17, wherein said abrasion-resistant particles are fibers, spheres, or a combination thereof.

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30. (Previously Presented) Tile according to claim 29, wherein said fibers, spheres, or a combination thereof are made of polyester, polyamide, or glass.

31. (Currently Amended) A tile, comprising:

- a first paper;
- a carrier plate over the first paper; and
- a second paper disposed over the carrier plate,

wherein at least one of the first paper and the second paper comprises acrylate which is present at least predominantly in the interior of the impregnated paper, wherein the weight of the paper containing the acrylate is at least 15 g/m² ~~grams per square meter~~ but not greater than 60 g/m² ~~grams per square meter~~.

32. (Currently Amended) The tile of claim 31, wherein each of the first paper and the second paper comprises acrylate, which is present at least predominantly in the interior of the first paper and the second paper, wherein the weight of each of the first impregnated paper and the second impregnated paper is at least 15 grams per square meter but not greater than 60 grams per square meter.

33. (New) A method of manufacturing an impregnated paper comprising the steps of:

- adding at least one color pigment selected from the group consisting of aluminum silicate, calcium carbonate, TiO₂, Al₂O₃, magnesium silicate and combinations thereof to an acrylate-containing dispersion; and

- conducting paper through rollers which are pressed together,

wherein the dispersion or mixture comprising the at least one color pigment is continuously applied to at least one roller,

wherein the paper is impregnated with the dispersion or mixture comprising the at least one color pigment; and

wherein the impregnated paper weight is not greater than 60 g/m².

34. (New) An impregnated paper comprising:

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- an acrylate; and
- at least one color pigment selected from the group consisting of aluminum silicate, calcium carbonate, TiO₂, Al₂O₃, magnesium silicate and combinations thereof, wherein the acrylate and the at least one color pigment are predominantly in the interior of the impregnated paper, and

wherein the weight of the impregnated paper is at least 15 g/m² but not greater than 60 g/m².